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Cosmetic Ingredients & Ideas®

### Formulation

#### VITAZYME C CREAM II ST-51

This cream formulation utilizes anti-oxidants, and vitamins to promote healthier skin. **Vitazyme®C** is a protein complexed vitamin that contains Ascorbic Acid. The protein complexation enhances penetration into the stratum corneum.

Ingredient	INCI Nomenclature	Supplier	%
Demineralized Water	Water		77.90
<b>Brookswax P</b>	<b>Cetearyl Alcohol &amp; Polysorbate 60</b>	<b>Arch Personal Care</b>	<b>2.00</b>
<b>Brookswax D</b>	<b>Cetearyl Alcohol &amp; Ceteareth-20</b>	<b>Arch Personal Care</b>	<b>2.00</b>
Jeechem GMS-165	Glyceryl Stearate & PEG-100 Stearate	Jeen Chemicals	5.00
Cetearyl Alcohol	Cetearyl Alcohol	Jeen Chemicals	1.00
*Liquiwax®DIADD	Diocetyl dodecyl Dodecanoate	Arch Personal Care	6.00
Finsolv TN	C12-15 Alkyl Benzoate	Finetex, Inc.	3.00
Ivarbase 3210	Cetyl Acetate & Acetylated Lanolin Alcohol	Arch Personal Care	1.00
Germaben II	Propylene Glycol & Diazolidinyl Urea & Methylparaben & Propylparaben	Sutton Laboratories	1.00
Tenox TBHQ	t-Butyl Hydroquinone	Eastman Chemical Company	0.10
Vitamin E	Tocopherol	Hoffman La Roche	0.10
Tenox BHT	BHT	Eastman Chemical Company	0.10
Oxybenzone	Benzophenone-3	Aceto Corp.	0.30
<b>Vitazyme®C</b>	<b>Ascorbic Acid Polypeptide</b>	<b>Arch Personal Care</b>	<b>0.50</b>
Citric Acid	Citric Acid		QS

\*Liquiwaxes® are manufactured by Innovachem and marketed by Arch Personal Care.

#### Specifications:

pH: 3.50 – 4.0  
 Viscosity: 11,000 – 15,000 cps

#### Procedure:

1. Heat water to 65°C.
2. Combine and heat Oil Phase to 70°C. Add to Water Phase.
3. Cool to <40°C and add remaining ingredients. Add **Vitazyme®C** last.
4. Adjust pH using Citric Acid.

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Arch  
 Personal Care  
 Products, L.P.

**Cosmetic Ingredients & Ideas®**

### Formulation

#### **VITAZYME A SOYA FACIAL CLEANSER CL-6**

This creamy lotion formula is based on the mild foaming and cleansing abilities of **Foam-Soy C**, an acylated soy protein. **Ivarlan AWS**, an alkoxyolated lanolin derivative is included for its ability to gently lift difficult to remove make-up.

Ingredient	INCI Nomenclature	Supplier	%
Demineralized Water	Water		75.37
Cellulose Gum 94AF	Cellulose Gum	Hercules, Inc.	1.50
Methyl Paraben	Methylparaben	Jeen Chemicals	0.20
<b>Solu-Silk SF</b>	<b>Silk Amino Acids</b>	<b>Arch Personal Care</b>	<b>1.00</b>
<b>Mikrokill 2</b>	<b>Polyaminopropyl Biguanide &amp; Chloroxylenol</b>	<b>Arch Personal Care</b>	<b>0.20</b>
<b>Foam-Soy C</b>	<b>Sodium-Cocoyl-Hydrolyzed Soy Protein</b>	<b>Arch Personal Care</b>	<b>15.00</b>
<b>Ivarlan AWS</b>	<b>PPG-12 PEG-65 Lanolin Oil</b>	<b>Arch Personal Care</b>	<b>1.00</b>
<b>Brookswax D</b>	<b>Cetyl Alcohol &amp; Ceteareth-20</b>	<b>Arch Personal Care</b>	<b>5.00</b>
Cerasynt IP	Glycol Stearate & Other Ingredients	ISP Van Dyk	0.50
Fragrance	Fragrance		0.20
<b>Vitazyme®A</b>	<b>Retinyl Palmitate Polypeptide</b>	<b>Arch Personal Care</b>	<b>0.03</b>

#### **Specifications:**

pH: 6.5 – 7.0

#### **Procedure:**

1. Heat Water to 75°C and dissolve the Methylparaben.
2. Disperse the Cellulose Gum and mix until fully dissolved.
3. Add the **Solu-Silk** and **Mikrokill**.
4. Melt the **Foam-Soy C**, **Ivarlan**, **Brookswax** and Cerasynt at 75°C.
5. Add this mixture to the batch with rapid agitation and mix until uniform.
6. Cool to 40°C and add **Vitazyme®A** and fragrance.
7. Adjust pH to 6.5 – 7.0.

The screenshot shows a website layout for Arch Personal Care Products. At the top left is the company logo 'ARCH' with a stylized arch graphic. To its right is the company name 'Arch Personal Care Products, L.R.' and the tagline 'Cosmetic Ingredients & Ideas'. On the far right of the header are links for 'Home', 'FAQ', 'Contact Us', and 'Site Map'. Below the header is a search bar with fields for 'Find a Product' (set to 'All'), 'Search By' (dropdown menu), 'Enter Keyword', and a 'Search' button.

**Our Products**

>> Biotechnological Actives >> VITAZYME® E

**VITAZYME® E**

These natural, protein-complexed vitamins allow for safe and stable delivery of anti-oxidant vitamins to the skin.

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<b>INCI Name</b>	Tocopherol Polypeptide
<b>Code</b>	06650
<b>Application/Use</b>	body lotion, treatment (body), toner, facial moisturizer, treatment (face), makeup foundation, lipstick

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**Additional Information** There is a complete range of Vitazymes, inquiries are welcome.

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## Our Products

» Biotechnological Actives » VITAZYME® A PLUS

### VITAZYME® A PLUS

These natural, protein-complexed vitamins allow for safe and stable delivery of anti-oxidant vitamins to the skin.

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INCI Name Carrot (Daucus Carota Sativa) Root & Retinyl Palmitate

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Code 06602

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Application/Use body lotion, treatment (body), toner, facial moisturizer, treatment (face), makeup foundation, lipstick

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**Additional Information** There is a complete range of Vitazymes, inquiries are welcome.

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#### Related Documents

Formulations	
• <a href="#">Vitazyme A Facial Cleanser</a>	

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**Our Products**

» Biotechnological Actives » VITAZYME® ACE COMPLEX

**VITAZYME® ACE COMPLEX**

These natural, protein-complexed vitamins allow for safe and stable delivery of anti-oxidant vitamins to the skin.

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INCI Name	Retinyl Palmitate Polypeptide & Ascorbyl Polypeptide & Tocopherol Acetate Polypeptide
Code	06680
Application/Use	body lotion, treatment (body), toner, facial moisturizer, treatment (face), makeup foundation, lipstick

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Find a Product: All  -- Search By:  Enter Keyword

**Our Products**

>> Biotechnological Actives >> VITAZYME® C

**VITAZYME® C**

These natural, protein-complexed vitamins allow for safe and stable delivery of anti-oxidant vitamins to the skin.

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**INCI Name** Ascorbic Acid Polypeptide

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**Code** 06630

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**Application/Use** body lotion, treatment (body), toner, facial moisturizer, treatment (face), makeup foundation, lipstick

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**Additional Information** There is a complete range of Vitazymes, inquiries are welcome.

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**Related Documents**

Formulations

- [Vitazyme C Cream](#)

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